

Division of Industry Services

in accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11" in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s.15.04(1)(m)).

County	DANE
Parcel I.D.	012/0911-181-9115-0
Reviewed by	Date

Property Owner CASTLETON MEADOW LLC	Property Location SW 1/4, NE 1/4, S 18, T 9 N, R 11 E
Property Owner's Mailing Address	Lot # 1 Subd. Name or CSM# 15669
City SUN PRAIRIE, WI 53590 State Zip Code Phone Number	<input type="checkbox"/> City <input checked="" type="checkbox"/> Town BRISTOL Nearest Road CASTLETON CROSSING
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/No. bedrooms 4 Code derived design flow rate: 600 GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or commercial- Describe: _____ Parent Material: LOESS, GLACIAL TILL Flood Plain elevation if applicable _____ ft. General comments and recommendations: MOUND WITH MIN. 18" SAND 0.6 GPD/SQ.FT. LOADING RATE SYSTEM ELEV: SEE PLOT PLAN	

Boring Boring Pit

1 # Ground surface elev. **949.95'** Depth to limiting factor **N/A** Soil Application Rate GPD/ft²

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-11	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	11-23	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
BC	23-36	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
C	36-85	10YR5/6		sl	1fsbk	vfr			0.4	0.7

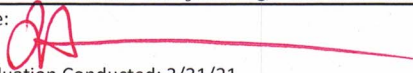
Boring Boring Pit

2 # Ground surface elev. **950.52'** Depth to limiting factor **18"** Soil Application Rate GPD/ft²

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
E	12-18	10YR5/3		sil	2fsbk	fr	1f	cs	0.6	0.8
Bt1	18-32	10YR5/3	c3d7.5YR5/8	sicl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	32-60	10YR5/3	m3d7.5YR5/8	sicl	1fsbk	fi			0.2	0.3

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name JEFFREY L. HAMMES	Signature: 	CST Number 223300
Address 6219 COUNTRYSIDE LN. MADISON, WI 53705	Date Evaluation Conducted: 3/31/21	Telephone No. (608)233-9200

Boring Boring

3	#	<input checked="" type="checkbox"/> Pit	Ground surface elev. 948.84'	Depth to limiting factor 20"					Soil Application Rate GPD/ft ²	
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	*Eff#1	*Eff#2
Ap	0-14	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
E	14-20	10YR5/3		sil	2fsbk	fr	1f	cs	0.6	0.8
Bt1	20-30	10YR5/3	c3d7.5YR5/8	sicl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	30-42	10YR5/3	m3d7.5YR5/8	sicl	1fsbk	fi			0.2	0.3

Boring Boring

4	#	<input checked="" type="checkbox"/> Pit	Ground surface elev. 949.03'	Depth to limiting factor N/A					Soil Application Rate GPD/ft ²	
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	*Eff#1	*Eff#2
Ap	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	12-21	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
BC	21-30	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
C	30-85	10YR5/6		sl	1fsbk	vfr			0.4	0.7

Boring Boring

	#	<input checked="" type="checkbox"/> Pit	Ground surface elev.	Depth to limiting factor					Soil Application Rate GPD/ft ²	
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	*Eff#1	*Eff#2

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

LOT 1,
CSM 15669
2.845 ACRES

PROPOSED 27' x 88'
MOUND DRAINFIELD
(CELL ELEV. = 951.5')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

BM = TOP OF 3/4"
IRON STAKE
ELEV. = 945.28'

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 2,
CSM 15669
1.003 ACRES

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 3,
CSM 15669
1.003 ACRES

PROPOSED 29.5' x 82'
MOUND DRAINFIELD
(CELL ELEV. = 954.1')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

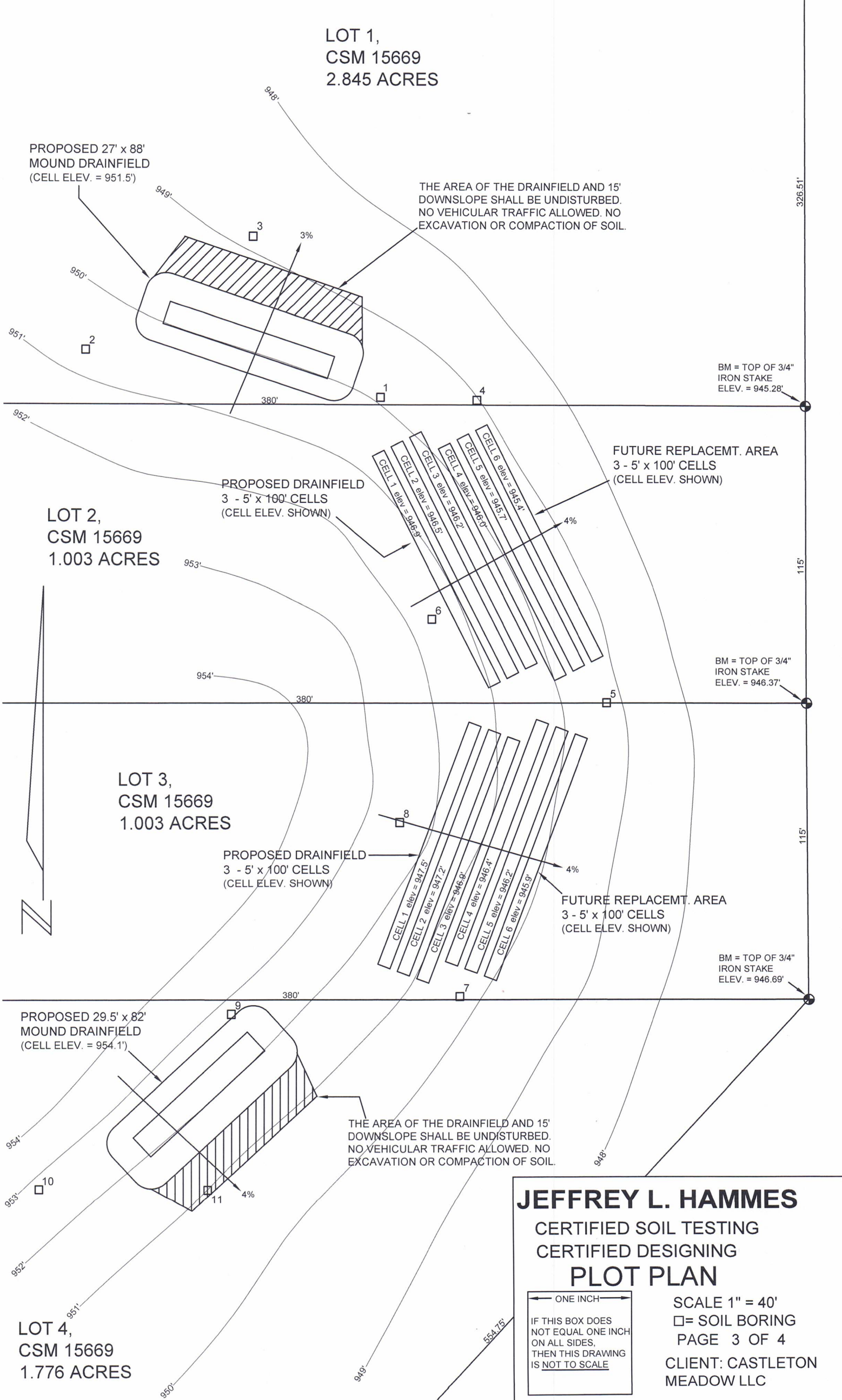
BM = TOP OF 3/4"
IRON STAKE
ELEV. = 946.69'

LOT 4,
CSM 15669
1.776 ACRES

JEFFREY L. HAMMES
CERTIFIED SOIL TESTING
CERTIFIED DESIGNING
PLOT PLAN

ONE INCH
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE

SCALE 1" = 40'
□ = SOIL BORING
PAGE 3 OF 4
CLIENT: CASTLETON
MEADOW LLC



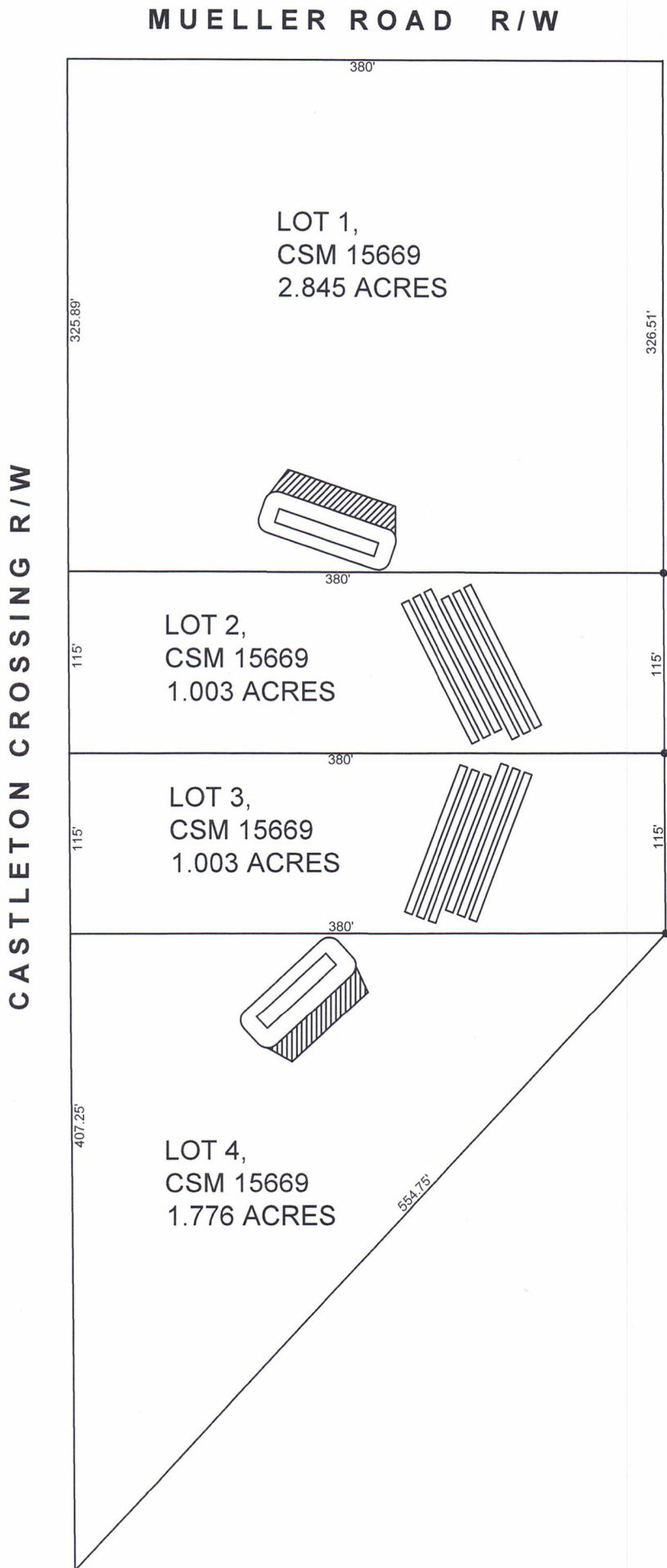
LOCATION MAP

CLIENT: CASTLETON
MEADOW LLC

PAGE 4 OF 4

SCALE 1" = 100'

← ONE INCH →
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE



Division of Industry Services

in accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11" in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s.15.04(1)(m)).

County	DANE
Parcel I.D.	012/0911-181-9130-0
Reviewed by	Date

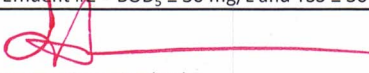
Property Owner CASTLETON MEADOW LLC	Property Location SW 1/4, NE 1/4, S 18, T 9 N, R 11 E
Property Owner's Mailing Address	Lot # 2 Subd. Name or CSM# 15669
City State Zip Code Phone Number SUN PRAIRIE, WI 53590	<input type="checkbox"/> City <input checked="" type="checkbox"/> Town Nearest Road BRISTOL CASTLETON CROSSING
<input checked="" type="checkbox"/> New Construction Use: <input checked="" type="checkbox"/> Residential/No. bedrooms 4 Code derived design flow rate: 600 GPD <input type="checkbox"/> Replacement <input type="checkbox"/> Public or commercial- Describe: _____ Parent Material: LOESS, GLACIAL TILL Flood Plain elevation if applicable _____ ft. General comments and recommendations: 0.4 GPD/SQ.FT. LOADING RATE SYSTEM ELEV: SEE PLOT PLAN	

Boring <input type="checkbox"/> Boring		4 # <input checked="" type="checkbox"/> Pit		Ground surface elev. 949.03'	Depth to limiting factor N/A	Soil Application Rate GPD/ft ²				
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	*Eff#1	*Eff#2
Ap	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	12-21	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
BC	21-30	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
C	30-85	10YR5/6		sl	1fsbk	vfr			0.4	0.7

Boring <input type="checkbox"/> Boring		5 # <input checked="" type="checkbox"/> Pit		Ground surface elev. 949.35'	Depth to limiting factor N/A	Soil Application Rate GPD/ft ²				
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	*Eff#1	*Eff#2
Ap	0-10	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	10-26	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	26-38	10YR4/4	f3d7.5YR5/8	cl	1fsbk	fi	1f	cs	0.2	0.3
C	38-96	10YR5/6		sl w/ pockets of lfs	1fsbk	vfr			0.4	0.7

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name	JEFFREY L. HAMMES	Signature:		CST Number	223300
Address	6219 COUNTRYSIDE LN. MADISON, WI 53705	Date Evaluation Conducted:	3/31/21	Telephone No.	(608)233-9200

Boring Boring
 Pit

6 Ground surface elev. 951.57' Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-8	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	8-28	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
BC	28-36	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
C	36-96	10YR5/6		sl	1fsbk	vfr			0.4	0.7

Boring Boring
 # Pit

Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

Boring Boring
 # Pit

Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

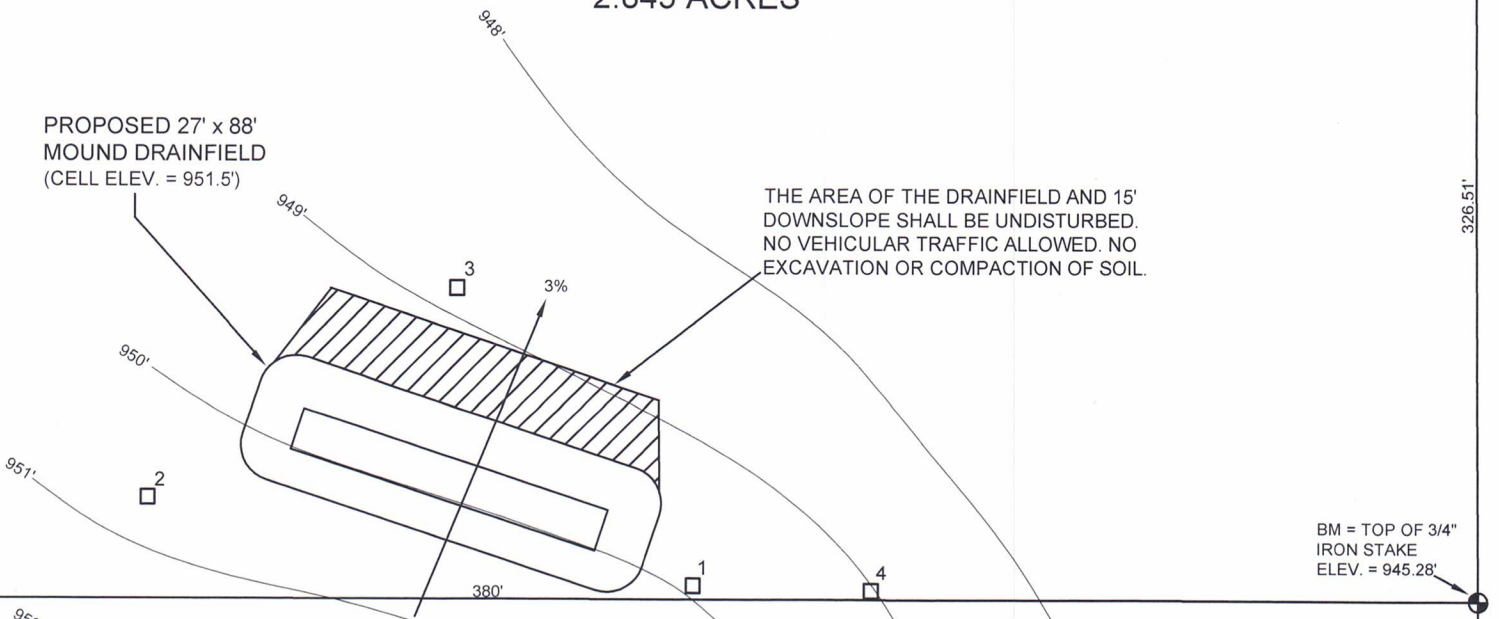
*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

LOT 1,
CSM 15669
2.845 ACRES

PROPOSED 27' x 88'
MOUND DRAINFIELD
(CELL ELEV. = 951.5')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

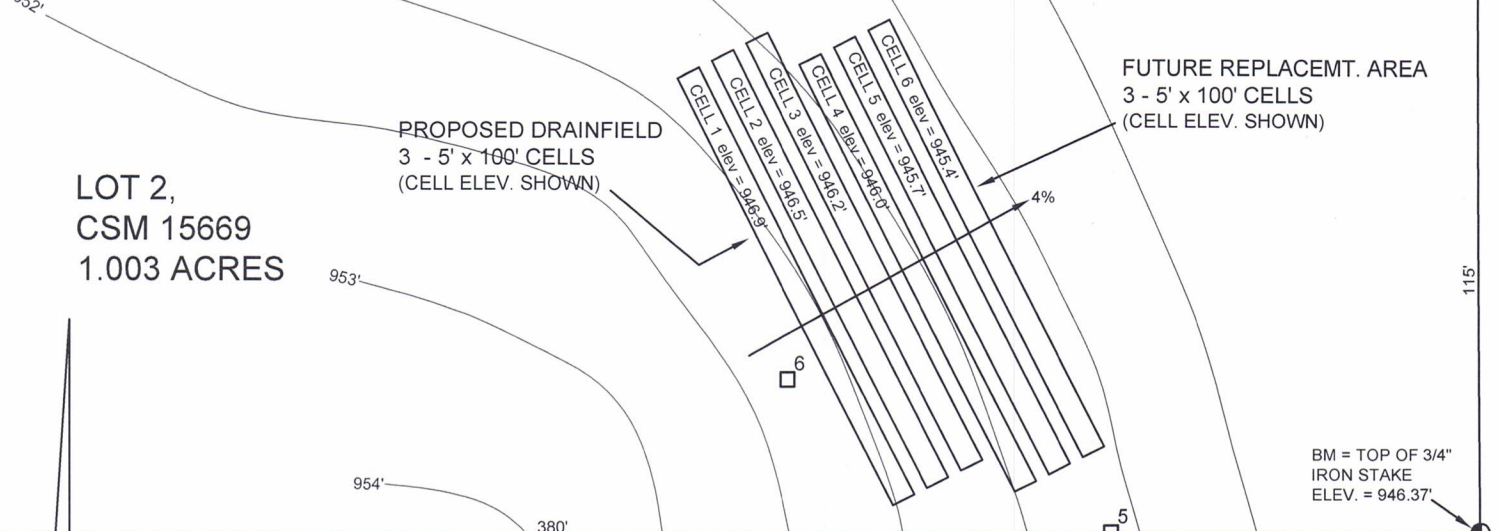


BM = TOP OF 3/4"
IRON STAKE
ELEV. = 945.28'

LOT 2,
CSM 15669
1.003 ACRES

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

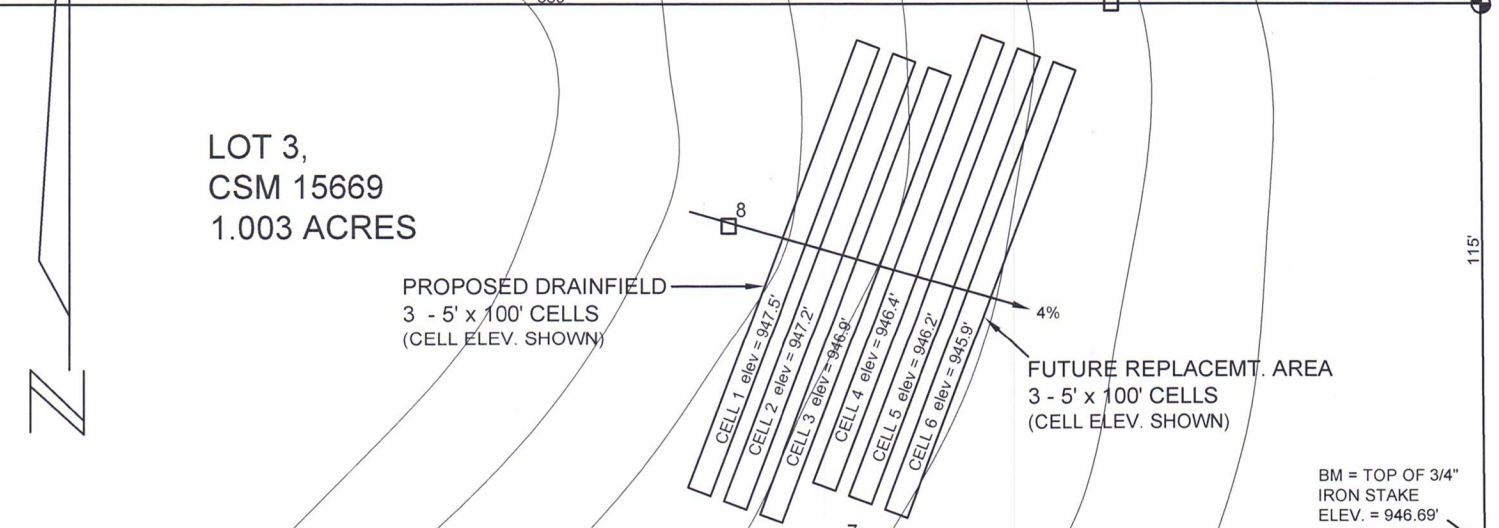


BM = TOP OF 3/4"
IRON STAKE
ELEV. = 946.37'

LOT 3,
CSM 15669
1.003 ACRES

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

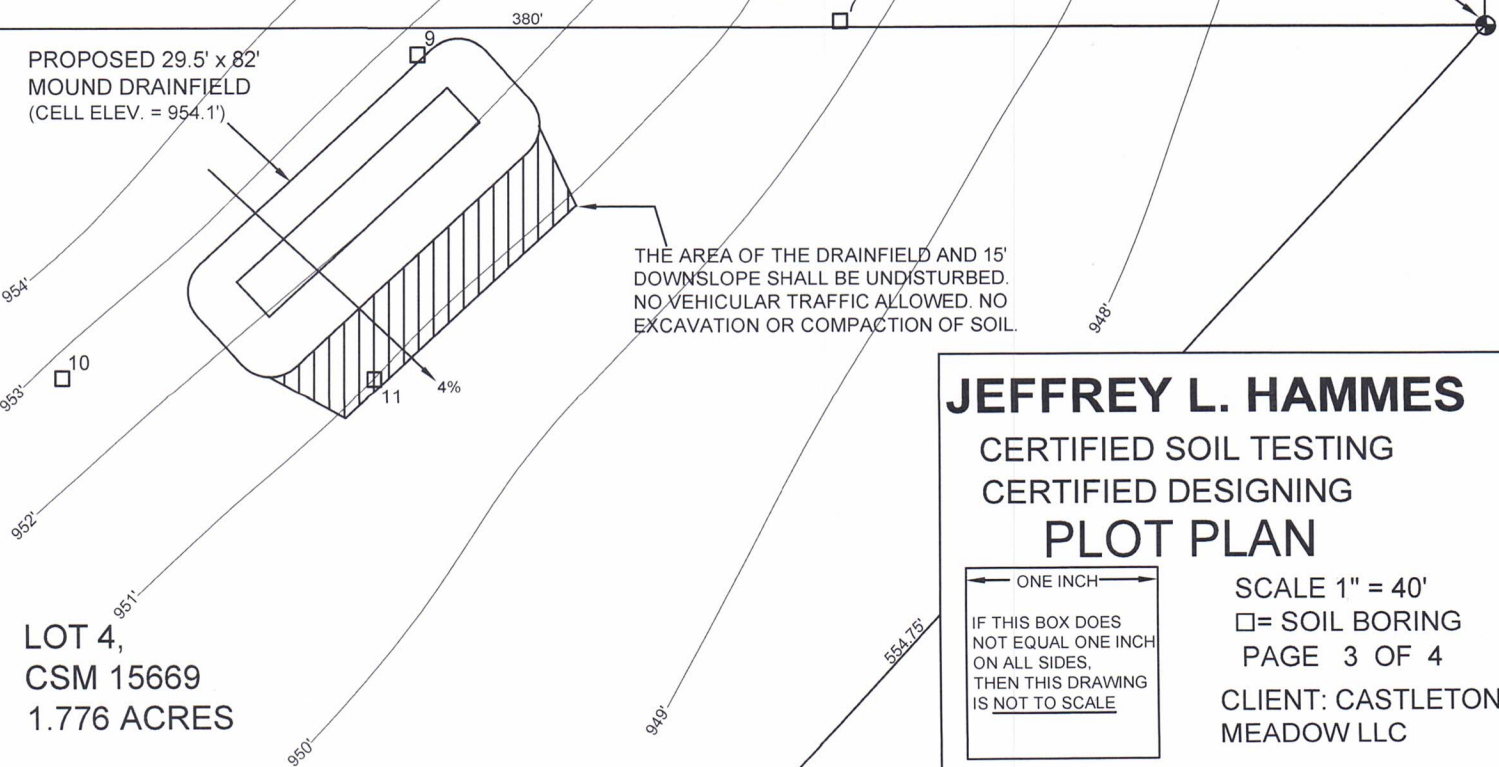
FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)



BM = TOP OF 3/4"
IRON STAKE
ELEV. = 946.69'

PROPOSED 29.5' x 82'
MOUND DRAINFIELD
(CELL ELEV. = 954.1')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.



LOT 4,
CSM 15669
1.776 ACRES

JEFFREY L. HAMMES
CERTIFIED SOIL TESTING
CERTIFIED DESIGNING
PLOT PLAN

ONE INCH
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE

SCALE 1" = 40'

□ = SOIL BORING
PAGE 3 OF 4

CLIENT: CASTLETON
MEADOW LLC

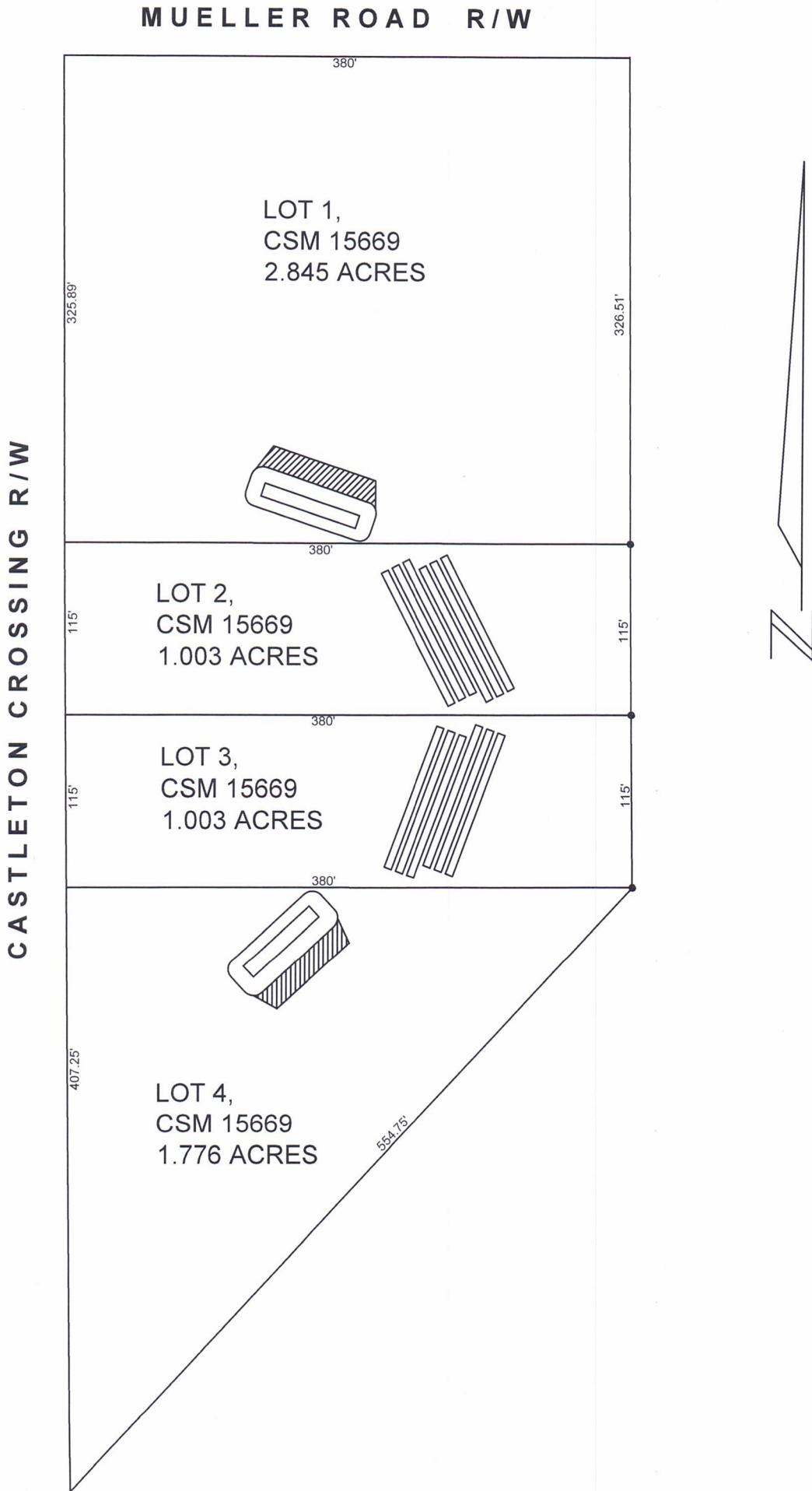
LOCATION MAP

CLIENT: CASTLETON
MEADOW LLC

PAGE 4 OF 4

SCALE 1" = 100'

← ONE INCH →
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE



Division of Industry Services

in accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11" in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s.15.04(1)(m)).

County	DANE
Parcel I.D.	012/0911-181-9145-0
Reviewed by	Date

Property Owner CASTLETON MEADOW LLC		Property Location SW 1/4, NE 1/4, S 18, T 9 N, R 11 E	
Property Owner's Mailing Address		Lot # 3	Subd. Name or CSM# 15669
City SUN PRAIRIE, WI	State WI	Zip Code 53590	Phone Number
<input type="checkbox"/> City		<input checked="" type="checkbox"/> Town BRISTOL	Nearest Road CASTLETON CROSSING
<input checked="" type="checkbox"/> New Construction		Use: <input checked="" type="checkbox"/> Residential/No. bedrooms 4	Code derived design flow rate: 600 GPD
<input type="checkbox"/> Replacement		<input type="checkbox"/> Public or commercial- Describe:	
Parent Material: LOESS, GLACIAL TILL		Flood Plain elevation if applicable _____ ft.	
General comments and recommendations: 0.4 GPD/SQ.FT. LOADING RATE SYSTEM ELEV: SEE PLOT PLAN			

Boring Boring Pit

5 Ground surface elev. 949.35' Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-10	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	10-26	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	26-38	10YR4/4	f3d7.5YR5/8	cl	1fsbk	fi	1f	cs	0.2	0.3
C	38-96	10YR5/6		sl w/ pockets of lfs	1fsbk	vfr			0.4	0.7


Boring Boring Pit

7 Ground surface elev. 950.15' Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-10	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	10-26	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	26-39	10YR4/4		cl	1fsbk	fi	1f	cs	0.2	0.3
C	39-81	10YR5/6		sl	1fsbk	vfr			0.4	0.7

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name JEFFREY L. HAMMES	Signature: 	CST Number 223300
Address 6219 COUNTRYSIDE LN. MADISON, WI 53705	Date Evaluation Conducted: 3/31/21	Telephone No. (608) 233-9200

Boring Boring
 Pit

8 Ground surface elev. 952.64' Depth to limiting factor N/A

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	12-30	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
BC	30-34	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
C	34-90	10YR5/6		sl	1fsbk	vfr			0.4	0.7

Boring Boring
 Pit

Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

Boring Boring
 Pit

Ground surface elev. Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

LOT 1,
CSM 15669
2.845 ACRES

PROPOSED 27' x 88'
MOUND DRAINFIELD
(CELL ELEV. = 951.5')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

BM = TOP OF 3/4"
IRON STAKE
ELEV. = 945.28'

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 2,
CSM 15669
1.003 ACRES

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 3,
CSM 15669
1.003 ACRES

PROPOSED 29.5' x 82'
MOUND DRAINFIELD
(CELL ELEV. = 954.1')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

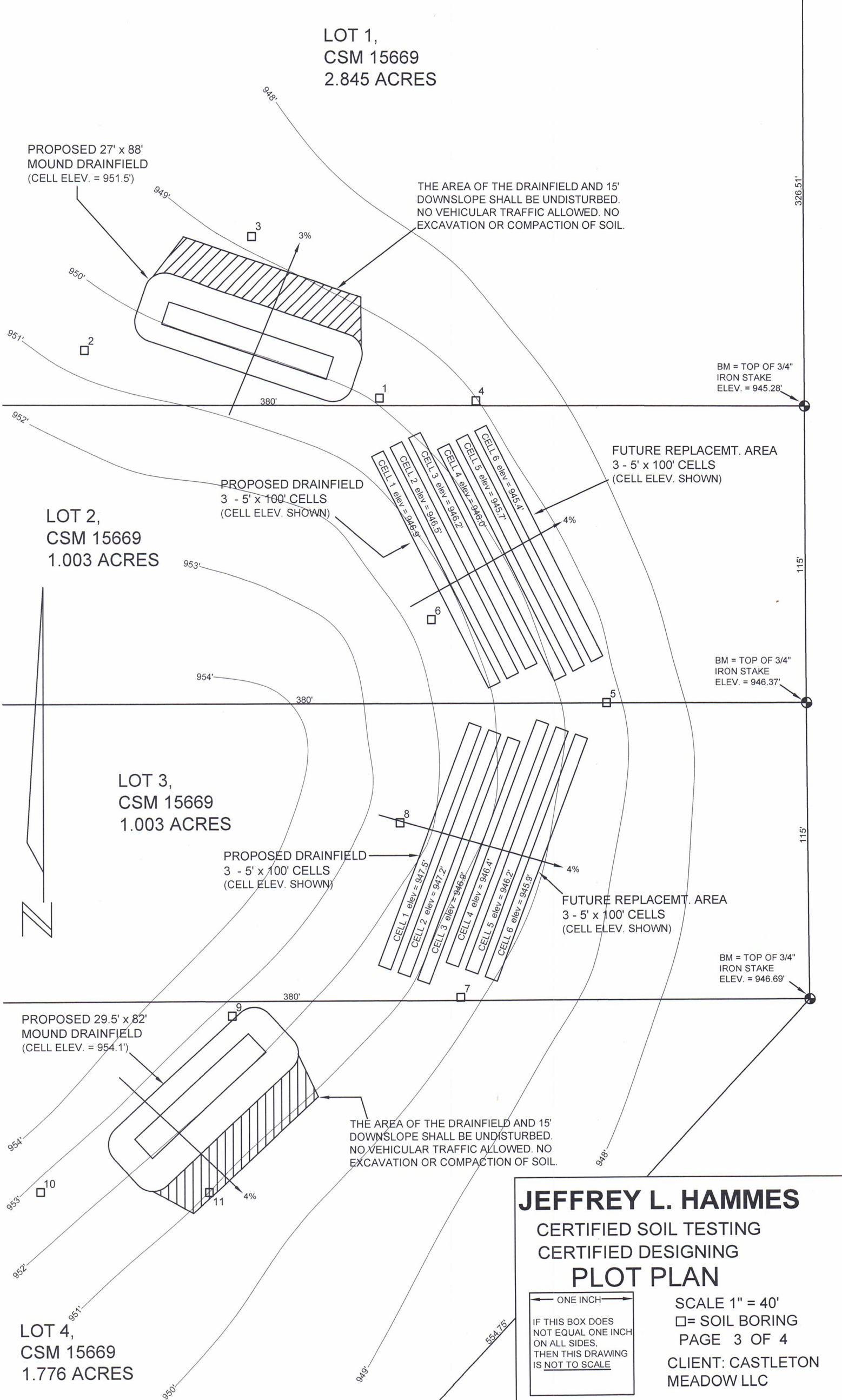
BM = TOP OF 3/4"
IRON STAKE
ELEV. = 946.69'

LOT 4,
CSM 15669
1.776 ACRES

JEFFREY L. HAMMES
CERTIFIED SOIL TESTING
CERTIFIED DESIGNING
PLOT PLAN

ONE INCH
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE

SCALE 1" = 40'
□ = SOIL BORING
PAGE 3 OF 4
CLIENT: CASTLETON
MEADOW LLC



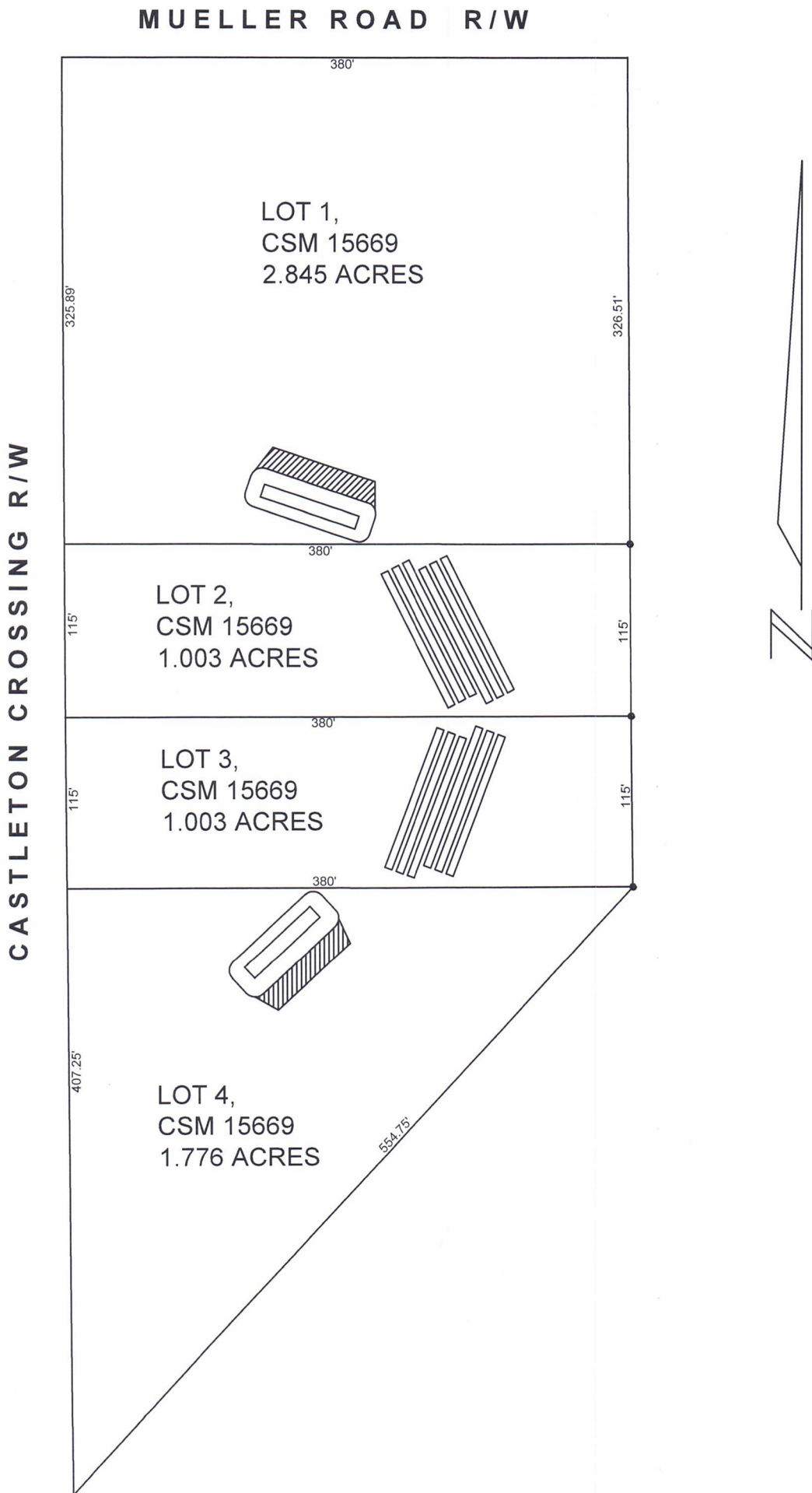
LOCATION MAP

CLIENT: CASTLETON
MEADOW LLC

PAGE 4 OF 4

SCALE 1" = 100'

← ONE INCH →
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE



Division of Industry Services

in accordance with SPS 385, Wis.Adm.Code

Attach complete site plan on paper not less than 8 1/2 x 11" in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road.

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s.15.04(1)(m)).

County	DANE
Parcel I.D.	012/0911-181-9160-0
Reviewed by	Date

Property Owner CASTLETON MEADOW LLC	Property Location SW 1/4, NE 1/4, S 18, T 9 N, R 11 E
Property Owner's Mailing Address	Lot # 4 Subd.Name or CSM# 15669
City State Zip Code SUN PRAIRIE, WI 53590	Phone Number City <input type="checkbox"/> Bristol Town <input checked="" type="checkbox"/> Nearest Road CASTLETON CROSSING

New Construction Use: Residential/No. bedrooms 4 Code derived design flow rate: 600 GPD
 Replacement Public or commercial- Describe: _____
 Parent Material: LOESS, GLACIAL TILL Flood Plain elevation if applicable _____ ft.
 General comments and recommendations: MOUND WITH MIN. 20" SAND
0.6 GPD/SQ.FT. LOADING RATE SYSTEM ELEV: SEE PLOT PLAN

Boring Boring
 # Pit Ground surface elev. 952.7' Depth to limiting factor 16"

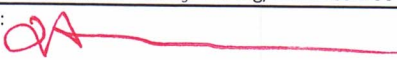
Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-11	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	11-16	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	16-36	10YR4/4	c3d7.5YR5/8	cl	1fsbk	fi	1f		0.2	0.3

Boring Boring
 # Pit Ground surface elev. 952.71' Depth to limiting factor 23"

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-9	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	9-23	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	23-40	10YR4/4	c3d7.5YR5/8	cl	1fsbk	fi	1f		0.2	0.3

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name	JEFFREY L. HAMMES	Signature:		CST Number	223300
Address	6219 COUNTRYSIDE LN. MADISON, WI 53705	Date Evaluation Conducted:	3/31/21	Telephone No.	(608)233-9200

Boring Boring

11 # Pit Ground surface elev. 951.0'

Depth to limiting factor 18"

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2
Ap	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	12-18	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	18-36	10YR4/4	c3d7.5YR5/8	cl	1fsbk	fi	1f		0.2	0.3

Boring Boring

Pit Ground surface elev.

Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

Boring Boring

Pit Ground surface elev.

Depth to limiting factor

Horizon	Depth inches	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr.Sz.Sh.	Consistence (Moist)	Roots	Boundary	Soil Application Rate GPD/ft ²	
									*Eff#1	*Eff#2

*Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

*Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

LOT 1,
CSM 15669
2.845 ACRES

PROPOSED 27' x 88'
MOUND DRAINFIELD
(CELL ELEV. = 951.5')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

BM = TOP OF 3/4"
IRON STAKE
ELEV. = 945.28'

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 2,
CSM 15669
1.003 ACRES

PROPOSED DRAINFIELD
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

FUTURE REPLACMT. AREA
3 - 5' x 100' CELLS
(CELL ELEV. SHOWN)

LOT 3,
CSM 15669
1.003 ACRES

PROPOSED 29.5' x 82'
MOUND DRAINFIELD
(CELL ELEV. = 954.1')

THE AREA OF THE DRAINFIELD AND 15'
DOWNSLOPE SHALL BE UNDISTURBED.
NO VEHICULAR TRAFFIC ALLOWED. NO
EXCAVATION OR COMPACTION OF SOIL.

BM = TOP OF 3/4"
IRON STAKE
ELEV. = 946.69'

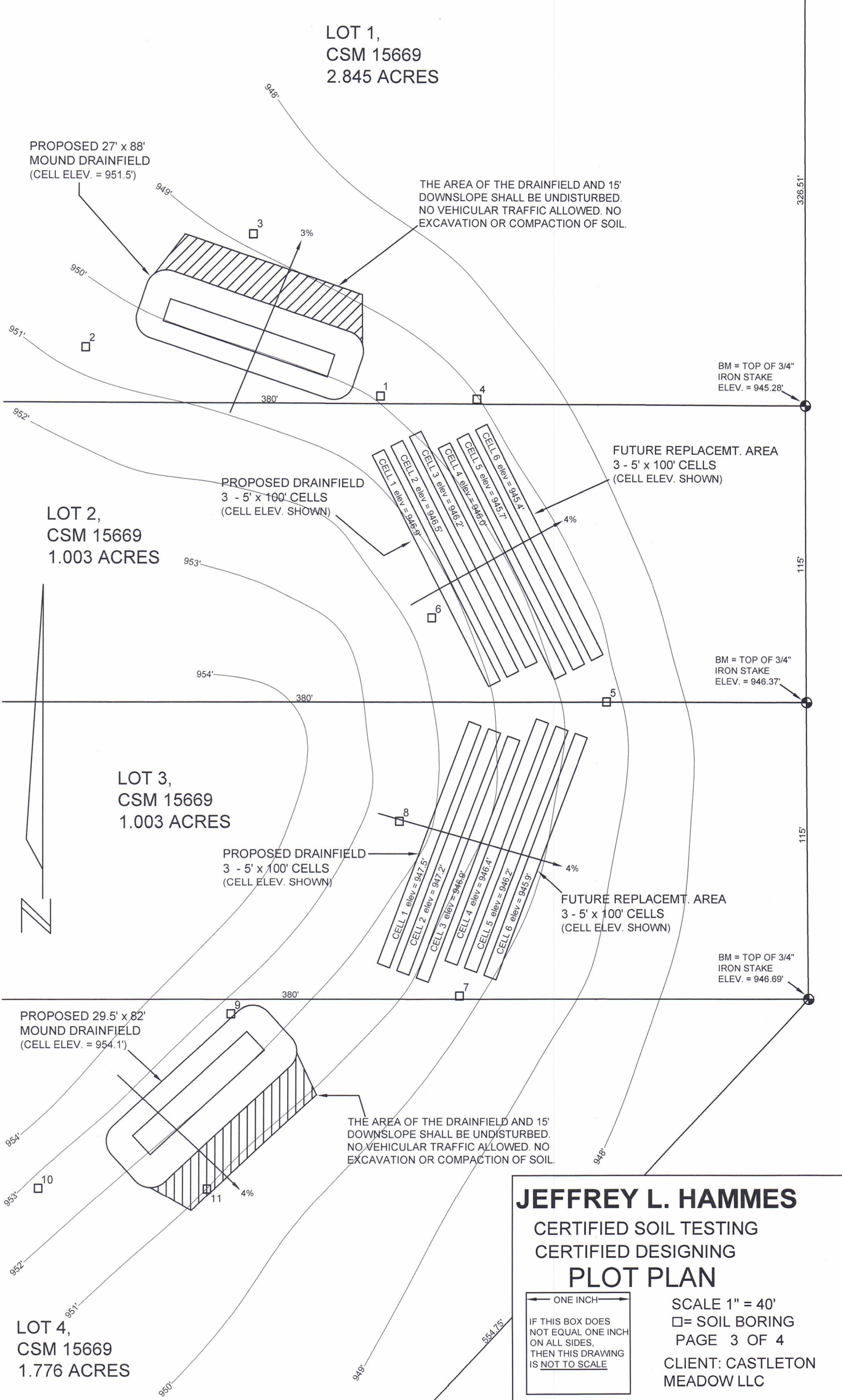
LOT 4,
CSM 15669
1.776 ACRES

JEFFREY L. HAMMES
CERTIFIED SOIL TESTING
CERTIFIED DESIGNING
PLOT PLAN

ONE INCH
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE

SCALE 1" = 40'
□ = SOIL BORING
PAGE 3 OF 4

CLIENT: CASTLETON
MEADOW LLC



LOCATION MAP

CLIENT: CASTLETON
MEADOW LLC

PAGE 4 OF 4

SCALE 1" = 100'

ONE INCH
IF THIS BOX DOES
NOT EQUAL ONE INCH
ON ALL SIDES,
THEN THIS DRAWING
IS NOT TO SCALE

